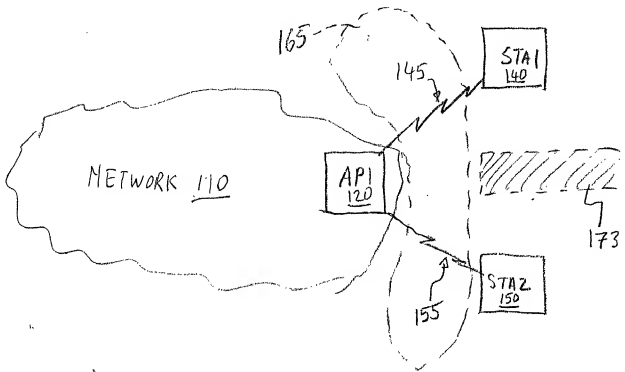


FIG. 1 (PRIOR ART)

FIG. 2A
(PRIOR ART)

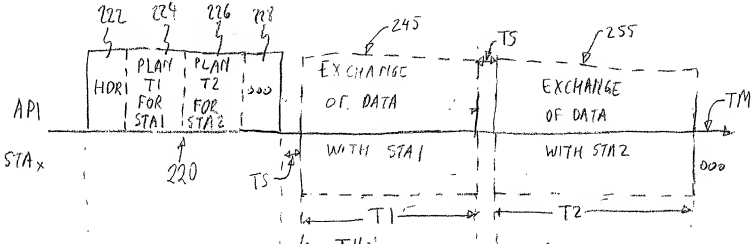


FIG. 2B
(PRIOR ART)

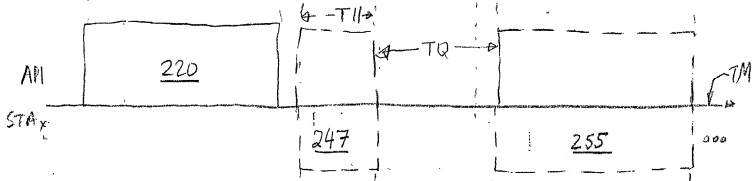
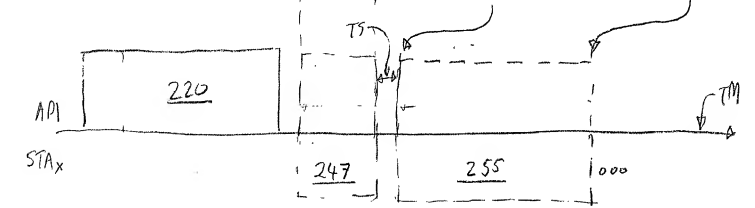


FIG. 2C
(PRIOR ART)



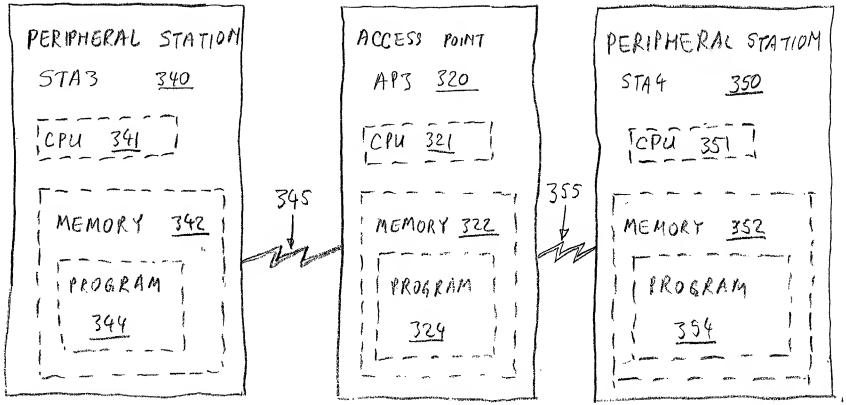

PERIPHERAL STATION
STA3 340
CPU 341
MEMORY 342
PROGRAM 344
345
ACCESS POINT
AP3 320
CPU 321
MEMORY 322
PROGRAM 324
355
PERIPHERAL STATION
STA4 350
CPU 351
MEMORY 352
PROGRAM 354

FIG. 3

TOOECO: TTSEE2860

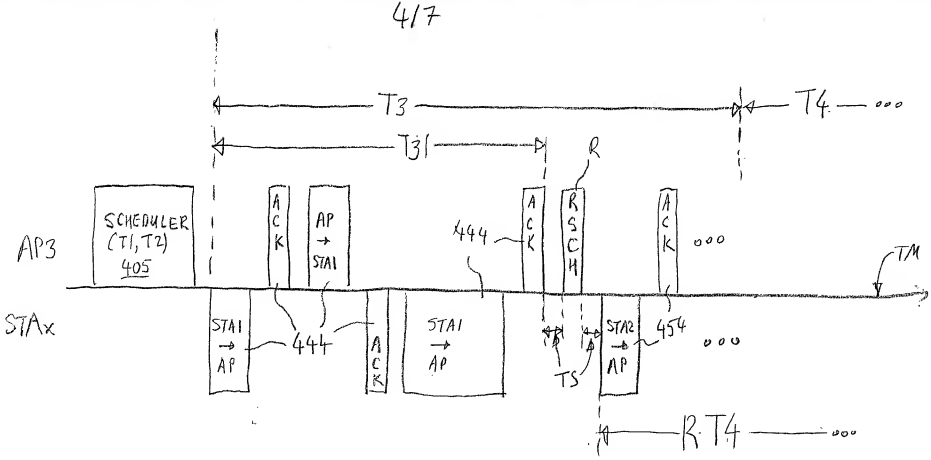


FIG. 4

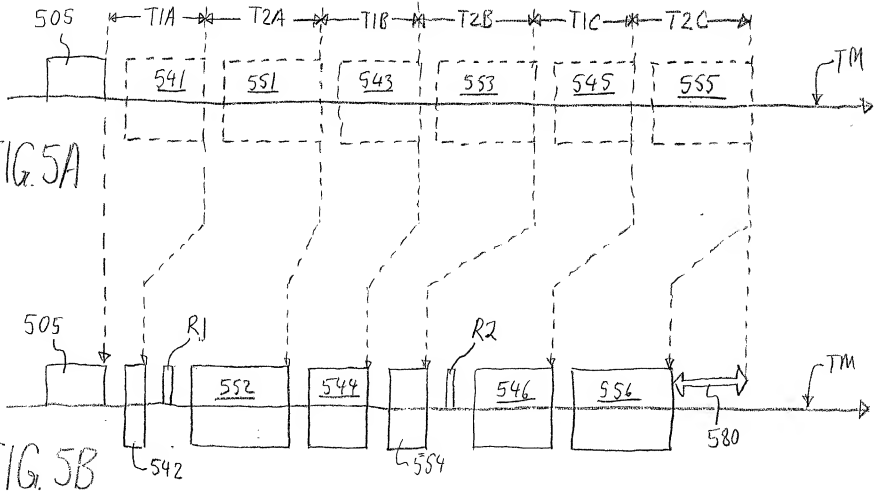

505
T1A
T2A
T1B
T2B
T1C
T2C
541
551
543
553
545
555
TM
505
R1
R2
552
544
546
556
542
554
580
TM

FIG. 5A

FIG. 5B

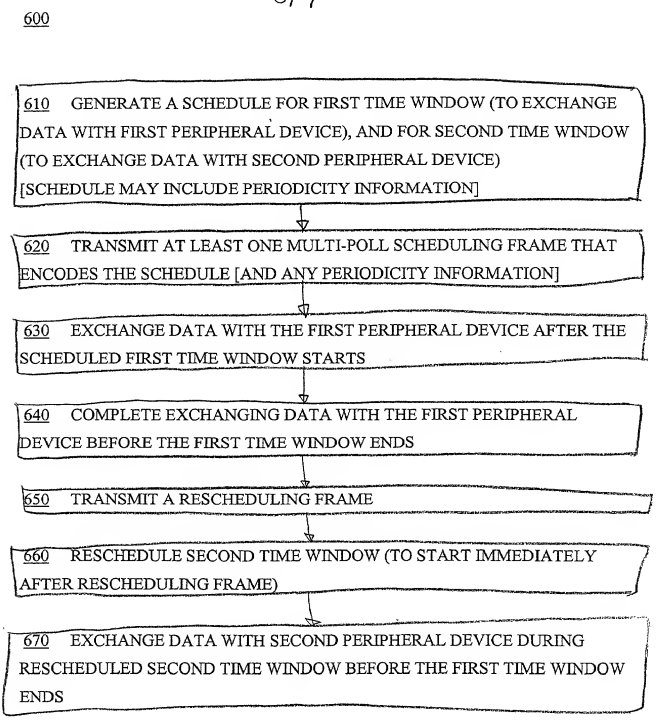

600
610 GENERATE A SCHEDULE FOR FIRST TIME WINDOW (TO EXCHANGE DATA WITH FIRST PERIPHERAL DEVICE), AND FOR SECOND TIME WINDOW (TO EXCHANGE DATA WITH SECOND PERIPHERAL DEVICE) [SCHEDULE MAY INCLUDE PERIODICITY INFORMATION]
620 TRANSMIT AT LEAST ONE MULTI-POLL SCHEDULING FRAME THAT ENCODES THE SCHEDULE [AND ANY PERIODICITY INFORMATION]
630 EXCHANGE DATA WITH THE FIRST PERIPHERAL DEVICE AFTER THE SCHEDULED FIRST TIME WINDOW STARTS
640 COMPLETE EXCHANGING DATA WITH THE FIRST PERIPHERAL DEVICE BEFORE THE FIRST TIME WINDOW ENDS
650 TRANSMIT A RESCHEDULING FRAME
660 RESCHEDULE SECOND TIME WINDOW (TO START IMMEDIATELY AFTER RESCHEDULING FRAME)
670 EXCHANGE DATA WITH SECOND PERIPHERAL DEVICE DURING RESCHEDULED SECOND TIME WINDOW BEFORE THE FIRST TIME WINDOW ENDS

FIG. 6

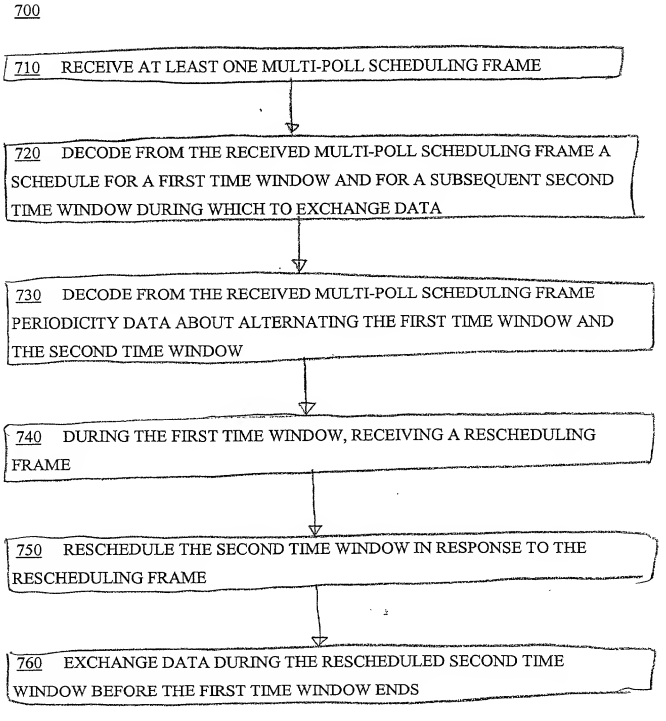

700
710 RECEIVE AT LEAST ONE MULTI-POLL SCHEDULING FRAME
720 DECODE FROM THE RECEIVED MULTI-POLL SCHEDULING FRAME A SCHEDULE FOR A FIRST TIME WINDOW AND FOR A SUBSEQUENT SECOND TIME WINDOW DURING WHICH TO EXCHANGE DATA
730 DECODE FROM THE RECEIVED MULTI-POLL SCHEDULING FRAME PERIODICITY DATA ABOUT ALTERNATING THE FIRST TIME WINDOW AND THE SECOND TIME WINDOW
740 DURING THE FIRST TIME WINDOW, RECEIVING A RESCHEDULING FRAME
750 RESCHEDULE THE SECOND TIME WINDOW IN RESPONSE TO THE RESCHEDULING FRAME
760 EXCHANGE DATA DURING THE RESCHEDULED SECOND TIME WINDOW BEFORE THE FIRST TIME WINDOW ENDS

FIG. 7